

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electro-optical device , comprising:
a pair of substrates including a first substrate and a second substrate adhered together with a sealing material of photo curing resin;
an electro-optical material enclosed between said pair of substrates; and
a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including:
 - 1) a lens array substrate provided with a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels,
 - 2) a step portion being substantially equal in height to said microlenses throughout a region completely overlapping said sealing material, the width of the step portion being wider than the entire width of the sealing material, and
 - 3) a transparent cover adhered to the lens array substrate with an adhesive that covers said microlens and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the micro lenses.
2. (Original) The electro-optical device according to claim 1, said step portion having a surface and the surface being planar.
3. (Original) A projection display device comprising:
a light source that emits light;
the electro-optical device according to claim 1 that modulates the light; and

a projection device that projects the light emitted from said light source and modulated by said electro-optical device.

4. (Currently Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, a liquid crystal enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said first substrates;

adhering a transparent cover to said lens array substrate with an adhesive to cover said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the micro lenses;

forming a sealing material of photo curing resin, the width of the step portion being wider than the entire width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with the sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

curing said sealing material while pressing said first substrate on the second substrate, and emitting light to said sealing material through said step portion.

5. (Original) The method for fabricating an electro-optical device according to claim 4, said sealing material comprising a photo-curing resin.

6. (Canceled)

7. (Currently Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, an electro-

optical material enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said lens array substrate;

bonding a transparent cover to said lens array substrate with an adhesive so as to cover said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the micro lenses;

forming a sealing material of photo curing resin, the width of the step portion being wider than the entire width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with said sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

curing said sealing material while applying pressure from an exterior of said pair of substrates, and emitting light to said sealing material through said step portion.

8. (Original)The method for fabricating an electro-optical device according to claim 7, said sealing material comprising a photo-curing resin.

9. (Canceled)

10. (Currently Amended) An electro-optical device, comprising:

a pair of substrates including a first substrate and a second substrate adhered together with a sealing material of photo curing resin; and

an electro-optical material enclosed between said pair of substrates, said second substrate having a plurality of scanning lines, a plurality of data lines intersecting said plurality of scanning lines, a pixel having a switching device connected to each of said

scanning lines and each of said data lines, and a pixel electrode connected to said switching device, and the first substrate including:

- 1) a lens array substrate provided with a plurality of convex microlenses with one microlens formed corresponding to each of said pixel,
- 2) a step portion being substantially equal height to said microlenses throughout a region completely overlapping said sealing material, the width of the step portion being wider than the entire width of the sealing material, and
- 3) a transparent cover adhered to the lens array substrate with an adhesive that covers said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the micro lenses.

11. (Original) A projection display device comprising:

- a light source that emits light;
- the electro-optical device according to claim 10 that modulates the light; and
- a projection device that projects the light emitted from said light source and modulated by said electro-optical device.

12.-26. (Canceled)